BRUHAT BENGALURU MAHANAGARA PALIKE

YELAHANKA ZONE

NAME OF WORK : CONSTRUCTION OF KARAGA MANTAPA AT YELAHANKA LAKE IN WARD NO.01 OF YELAHANKA SUB-DIVISION

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Estimate Cost Rs. 36.00 Lakhs Rate	Amount
1	KSRRB M200-24 :- dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces no exceeding 0.02 Cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials separately complete as per specifications.MORTH specifications. No. 202, (P.No. 138/ Item No. 18.47)								
		Cum							
	floor		1	20.00	20.00	0.30	120.00		
	Retaining wall		1	20.00	0.30	2.10	12.60		
							132.60	843.48	**111845.00**
	Basic Rate	781.00							
	Area Weightage @8%	62.48							
	Total	**843.48**							
2	KSRB 2-1.1 : Earthwork in surface excavation in **ordinary soil** for **levelling and lowering** the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications specification. No. KBS 2.1 (a) / 2.3.1 (P.5/I.2.1)								
		Cum							
			1	20.00	20.00	0.15	60.00		
							60.00	169.56	**10174.00**
	Basic Rate	157.00							
	Area Weightage @8%	12.56							
	Total	**169.56**							
3	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, No.5/Item No. 2.3)								
		Cum							
	for foundation (footing)		2	5.80	2.70	2.60	81.43		
			2	3.00	3.20	2.60	49.92		
			1	12.80	2.70	2.60	89.86		
			2	3.00	3.20	2.60	49.92		
						Net Qty	**271.13**	204.12	**55343.00**
	Basic Rate	189.00							
	Area Weightage @8%	15.12							
	Total	**204.12**							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
4	KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregate /sand/kaner/ Moorum KSRRB M100-1 Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications MORTH -100/ Chapter 1 (Page No.133/ Item No.17.1)								
		Cum							
					Qty Vide Item No.1+2+3		463.73	100.00	46373.00
	Average Weight of Earth 1.28 Tonne/Km								
	Basic Rate Lead Charges for 10.00 Kms	32.00							
	Add loading and unloading Item No 17.1)	68.00							
	Total	**100.00**							
5	KSRB 5.1-2 : Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6 (Uncoursed), bond stones at 2m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.12 (Page No.23/ Item No.5.3)								
		Cum							
	for foundation (footing)		2	5.80	2.70	0.60	18.79		
			2	3.00	3.20	0.60	11.52		
			1	12.80	2.70	0.60	20.74		
			2	3.00	3.20	0.60	11.52		
							62.57	3508.92	**219546.00**
	Basic Rate	3249.00							
	Area Weightage @8%	259.92							
	Total	**3508.92**							
6	KSRRB M2100-10. Plain cement concrete M10 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @ 0.84cum and fine aggregates @ 0.56cum in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14days complete as per specifications. MORTH Specification No.2100(P.No.218 & It.No.27.18)								
		cum							
	for foundation (footing)		2	5.80	2.70	0.15	4.70		
			2	3.00	3.20	0.15	2.88		
			1	12.80	2.70	0.15	5.18		
			2	3.00	3.20	0.15	2.88		
	allround		1	20.00	20.00	0.15	60.00		
						Net Qty	**75.64**	6084.72	**460260.00**
	Basic Rate	5634.00							
	Area Weightage @ 8%	450.72							
	Total	**6084.72**							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amount
7	KSRRB M2200-5.14 : Design mix M30 with OPC cement @ 360kgs , with 20mm and down size graded granite metal,coarseaggregated @ 0.69cum ,and fine aggregated @ 0.46cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed -2008 (P.No.224/ I.No.28.7.15)								
		Cum							
	footing		2	5.80	2.70	0.90	28.19		
			2	3.00	3.20	0.90	17.28		
			1	12.80	2.70	0.90	31.10		
			2	3.00	3.20	0.90	17.28		
	for Coloumn		12	0.45	0.45	4.15	10.08		
	Plinth beam		8	10.75	0.45	0.45	17.42		
							121.35	7550.28	**916238.00**
	Basic Rate	6991.00							
	Area Weightage @ 8%	559.28							
	Total	**7550.28**							
8	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 (Page No. 23/ Item No. 5.6)								
		cum							
	Plinth beam		8	10.75	0.45	0.25	9.68		
						Net Qty	**9.68**	4521.96	**43750.00**
	Basic Rate	4187.00							
	Area Weightage @8%	334.96							
	Total	**4521.96**							
9	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete **(RMC)** M20 for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, for raft foundation, column footing, main and secondary beams with all lead and lifts etc.,complete (exclusive of cost of steel and fabrication charges.)Page No.18/Item No.4.49.3)-do- M30								
		Cum							
	NGL		1	20.00	20.00	0.175	70.00		
							70.00	6742.44	**471971.00**
	Basic Rate	6243.00							
	Area Weightage @8%	499.44							
	Total	**6742.44**							
10	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 -do- TMT Bars Fe 550 P.17/It.No.4.46.3								
		tonne							

Sl. No.	Description of Item	Unit	No.	L	B	D	Qty.	Rate	Amour
			110% of Qty Vide Item No.7				133.49		
			90% of Qty Vide Item No.9				63.00		
							196.49		
						in tonne	19.6487	61237.08	1203227.00
	Basic Rate	56701.00							
	Area Weightage @ 8%	4536.08							
	Total	61237.08							
11	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6. (Page No. 16/ Item No. 4.32)								
		Sqm							
	Column		12x4	0.45		4.15	89.64		
							89.64	395.28	35433.00
	Basic Rate	366.00							
	Area Weightage @ 8%	29.28							
	Total	395.28							
12	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **vertical surface** such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 (Page No. 15 / Item No. 4.31)								
		Sqm							
			2x8	10.75		0.45	77.40		
							77.40	316.44	24492.00
	Basic Rate	293.00							
	Area Weightage @8%	23.44							
	Total	316.44							
13	Miscellaneous and unforeseen charges								1348.00
							Total Amount		3600000.00

(Rupees Thirty Six Lakhs Only)

ADMINISTRATIVELY SANCTIONED FOR Rs 36.00 Lakhs
Rupees Thirty Six Lakhs only

enclosed memo
Dt
Sch) Rates | 15/12-18
dated 6.4.2017 Rs 36.00 lacs

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

CERTIFICATE

1) The site has been inspected and the work is found to be necessary.
2) The rates adopted are as per PW,P IWTD SR of 2016-17
3) The provisions were made in this estimate are necessary and adequate.
4) The area comes under the Bruhat Bengaluru Mahanagara Palike Limits.

Assistant Engineer
Ward No.01

Executive Engineer
Yelahanka Division
B.B.M.P

Assistant Executive Engineer
Yelahanka Sub-Division
B.B.M.P

Administrative Approval
Accorded For .....
Head of A/C.....
CER NO :..... Dt:..

TA CE (YNK)

Technical Sanction
Accorded For 36.00 Lakh Rs.
Head of A/C..... P2415
CER NO :..... 164 Dt:.. 06/04/17

TA CE (YNK)